

Specification

Please amend the specification to recite the following replacement paragraphs. A marked-up version showing changes made to the specification through the replacement paragraphs is contained herewith as Appendix B.

Please replace paragraph [0021] with the following replacement paragraph:

B² --[0021] FIGURES 1A-B depict the nucleotide sequence (SEQ ID NO:1), amino acid translation (SEQ ID NO:2) and intron/exon organization of the human ~~β~~^B3-adrenergic receptor gene.-- 5-17-03 ✓

Please replace paragraph [0022] with the following replacement paragraph:

B³ --[0022] FIGURES 2A-B depict the nucleotide sequence (SEQ ID NO:3), amino acid translation (SEQ ID NO:4) and intron/exon organization of the mouse ~~β~~^B3-adrenergic receptor gene.-- 5-14-03 ✓

Please replace paragraph [0025] with the following replacement paragraph:

B⁴ --[0025] FIGURES 5A-B are a schematic representation of human and mouse ~~β~~^B3-adrenergic receptor mRNA splicing.-- 5-14-03 ✓

Please replace paragraph [0032] with the following replacement paragraph:

B⁵ --[0032] Besides polypeptides, the present invention also encompasses any nucleotide sequence of ~~β~~^B3-adrenergic receptors in mammals. A preferred embodiment of these nucleotide sequences are encompassed in FIGS. 1A-B (SEQ ID NO:1) and 2A-B (SEQ ID NO:3). Variants of the nucleotide sequence are also encompassed in the present invention including mutations and point substitutions using the above-described mutagenesis methods, provided that these variations do not significantly alter ~~β~~^B3-adrenergic receptor activity.-- 5-17-03 ✓

Please replace paragraph [0042] with the following replacement paragraph:

B⁶ --[0042] More particularly, it is advantageous to use a full length probe having the nucleotide sequence as defined in FIGS. 1A-B (SEQ ID NO:1) and 2A-B (SEQ ID NO:3) to probe a genomic or cDNA library of different mammalian species to obtain the related ~~β~~^B3-adrenergic receptor of interest. A fragment of the nucleotide probe can also be generated.-- 5-14-03 ✓